

M8 Socket, shielded
6 pin
A-coding

Voltage: 30 V
Current: 1 A

Operating Temperature
-40~105 °C

- ① Insulator: PA66, UL 94 HB, black
- ② Pin: C3604 brass, gold flashing
- ③ Nut: C3604 brass, nickel plated
- ④ Shell: C3604 brass, nickel plated
- ⑤ O-ring: Silicone rubber
- ⑥ Epoxy: Epoxy resin

Dielectric strength: 1 min @ 500 Vac
Insulation resistance: 100 MΩ @ 500 Vdc
Contact resistance: 10 mΩ or less

Life cycle: 1000 mating cycles minimum

Environmental requirements
Salt spray test: 35 °C, relative humidity 90-95%, 5% NaCl mist for 24 hrs. Wash parts after test. Maintain mechanical requirements and a contact resistance of less than 10 mΩ.
Waterproof: IP67



Revision:	Date:	Description:	Prepared:	Notes: RoHS compliant Function test: no open, no short circuit, no intermittent	TENSILITY tel 1.541.323.3228800 877.670.7118 fax 1.541.323.4202web tensility.com		
A	1/13/23	Initial Release	Verified:				
			Dimensions are in millimeters. Tolerances: X: ± 0.3 mm X.X: ± 0.1 mm X.XX: ± 0.05 mm	Description: Connector, M8 A-code socket, 6 pin, 8xL22.3 mm, panel mount, thru hole, gold plated, IP67	Size:	Part number:	
					A	54-00323	
					Scale: 2:1		